



BP4820FHD 48" FULL HD LED TV

Integrated HD Tuner | Inbuilt Media Player | Slim Design



Full HD 1920 x 1080 pixels

Inbuilt Media Player via USB

USB Time-Shift Recording

3 x HDMI inputs

Enjoy it.

Instruction Manual

Introduction

Thank you for purchasing your BLAUPUNKT TV. The following instructions will assist you in operating any of the models in the BLAUPUNKT range.

You may already be familiar with using a similar unit, but please take the time to read the instructions relevant for your model.

Your safety is very important. Please ensure you read the “Safety Instructions” before you operate this unit.

The BLAUPUNKT range has been designed to give you many years of trouble-free service. In the unlikely event that your product fails to work normally, please contact Customer Support at www.blaupunkt-australia.com.au

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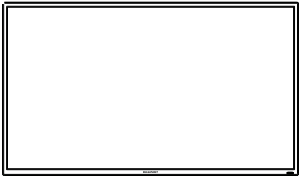
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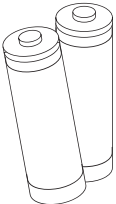
Unpacking the TV /Accessories



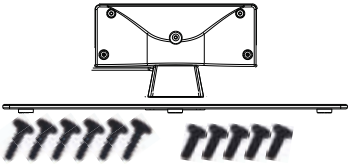
TV set



Remote Control

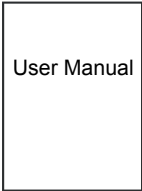


Batteries



BB4*12 BM4*14

Neck/Stand / Screws

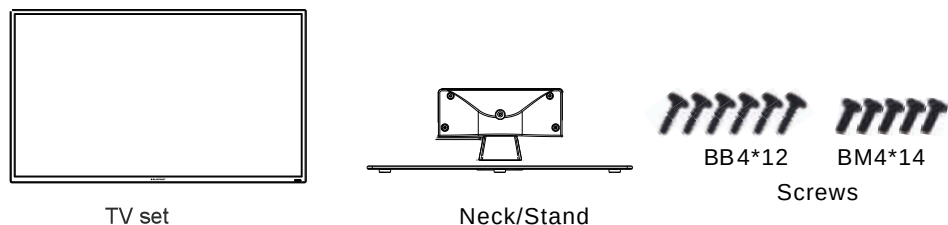


User Manual

User Manual

Installing / Removing the Base Stand

The parts



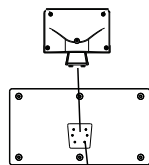
Installation

Place the TV face down on a soft and flat surface (blanket, foam, cloth, etc.) to prevent any damage to the TV.

Fix the neck to the stand with 6 pcs BB4*12 screws as image 1.

2. Fix the neck to the TV unit as image 2.

3. Insert 5 pcs BM4*14 screws as image 3



BB4x12(6pcs)

image 1

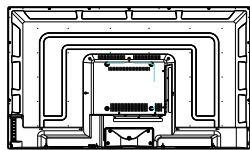
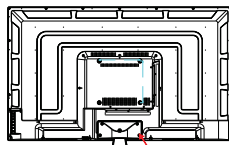


image 2

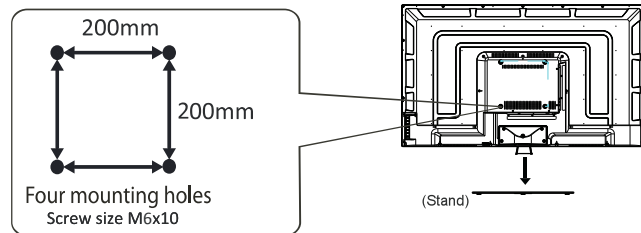


BM4x14(5pcs)
image 3

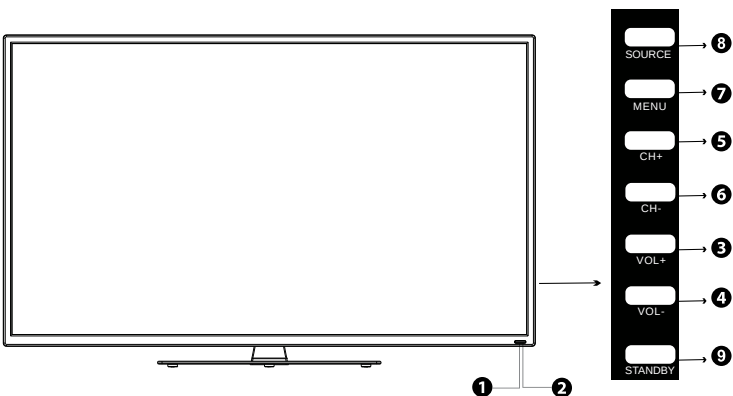
This unit is VESA-Compliant and designed to be wall mounted with a VESA-Compliant 200 x200mm mounting kit.

Mount this unit according to the instructions of the wall bracket(not supplied)

*** Please disassemble the stand cover into the unit in order to protect your unit while using the wall mount.**

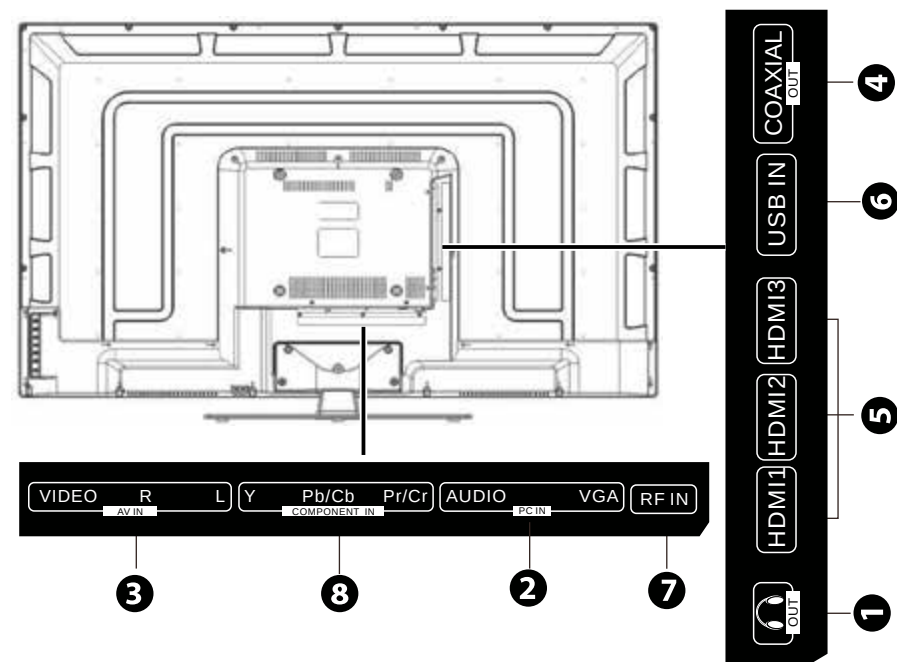


Front / Right Side View and Controls



Item	Description
1 POWER LED	Illuminates green when the TV is turned on. Illuminates red when the TV is in standby mode. The LED will alternate between red and green when the PVR timer programming has started in the standby mode.
2 IR (Infrared Receiver)	Receives IR signals from the remote control. Do not put anything near the sensor, as its function may be affected.
3 VOL + / -	Adjusts the volume. Press to select and adjust a setting in the OSD menu.
5 CH +	Press to select a channel or select a sub-menu from the OSD menu.
6 CH -	Press to select a channel or select a sub-menu from the OSD menu.
7 MENU	Displays the OSD (on screen display) menu.
8 SOURCE	Press to select among different input signal sources: DTV, ATV, AV, YPBPR, HDMI1, HDMI2, HDMI3, PC, USB. Confirmed the selection on OSD menu.
9 STANDBY	Switches the TV on from standby mode. Switches the TV back to standby mode.

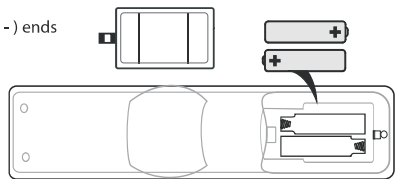
Rear View and Sockets



Socket	Description
1 Headphone out	To connect to the earphones.
2 VGA / PC Audio in	To connect to a computer or other devices with a VGA interface.
3 AV	To connect to the Composite VIDEO and AUDIO (L/R) output sockets on external video devices.
4 COAXIAL	To connect to the audio socket on the digital/standard 5.1 audio system.
5 HDMI	To connect to a High-Definition (HD) signal output device, such as a set-top box, blu-ray disc player or AV receiver.
6 USB	Allows the insertion of a USB storage device to play video, audio, photo and text files (Media mode) and record DTV programmes on to a USB storage device.
7 RF IN	To connect to the aerial socket on the wall with the RF coaxial cable.
8 YPbPr	Color difference components input and relevant video input.

Installing Batteries in the Remote Control

1. Press and lift the back cover to open the battery compartment of the remote control.
2. Insert two 1.5V AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.



Handling the Batteries

- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- When the batteries are exhausted, the remote will not function. Replace both batteries at the same time with new ones.
- Do not install new batteries with used ones and do not mix different types of batteries.
- Do not dispose of used batteries as domestic waste. Dispose of them in accordance with local regulations.

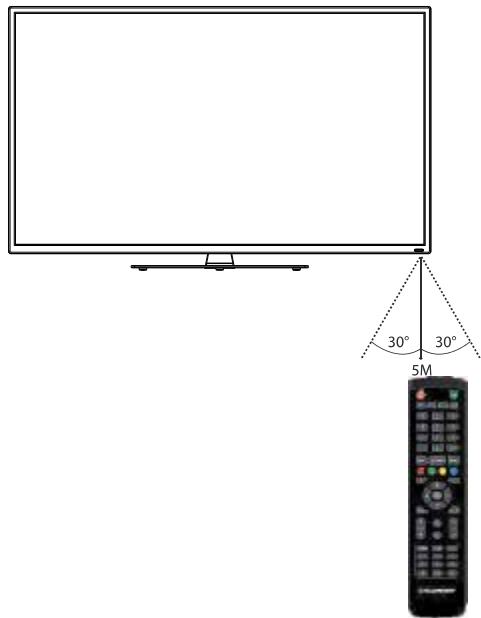


Handling the Remote Control

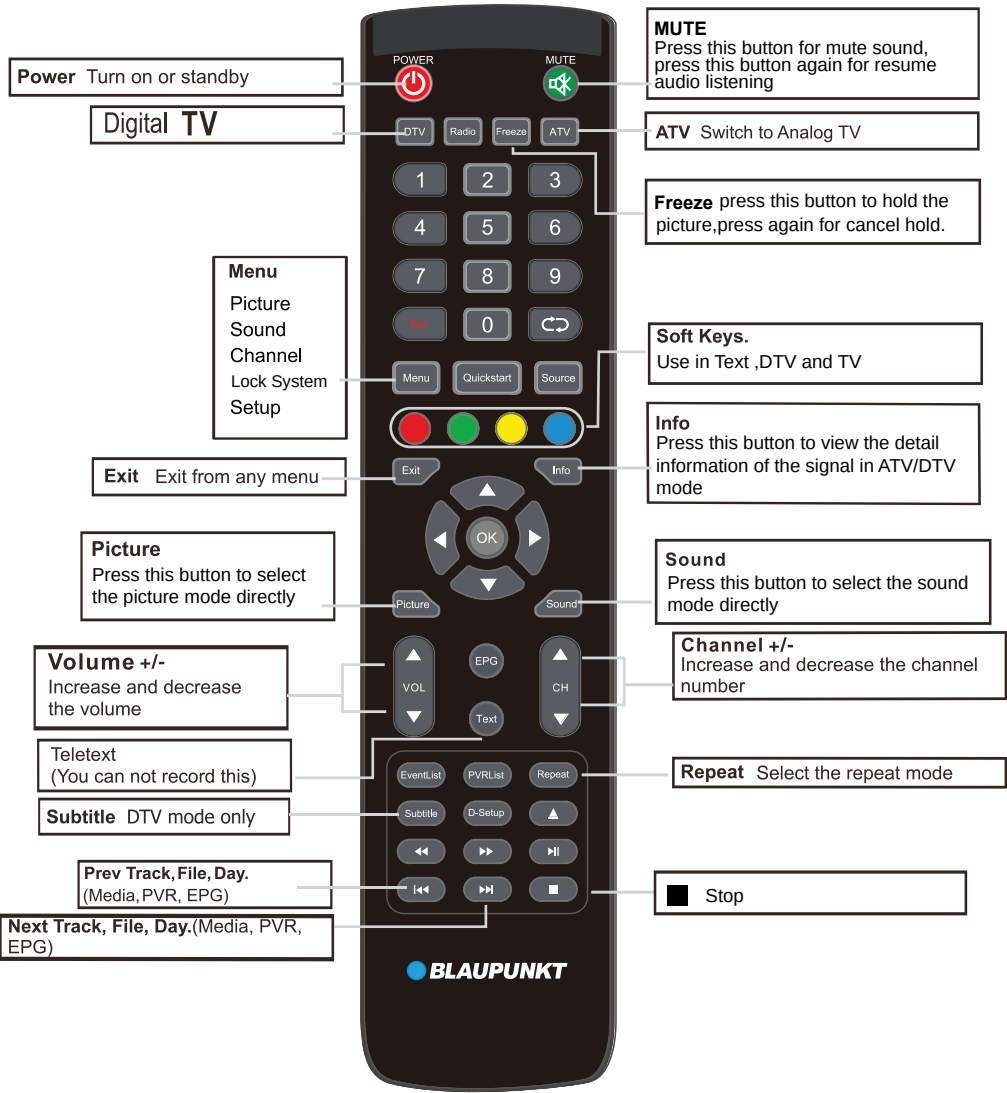
- Take care of your fingernails when you press and hold the battery release tab.
- Do not drop or cause impact to the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote control when not in use for a long period of time, as it could cause corrosion or battery leakage and may result in physical injury and/or property damage including fire.

Remote Control Operation Range

Point the remote control at the TV no more than 5 metres from the remote control sensor on the TV and within 60° in front of the TV. The operating distance may vary depending on the brightness of the room.

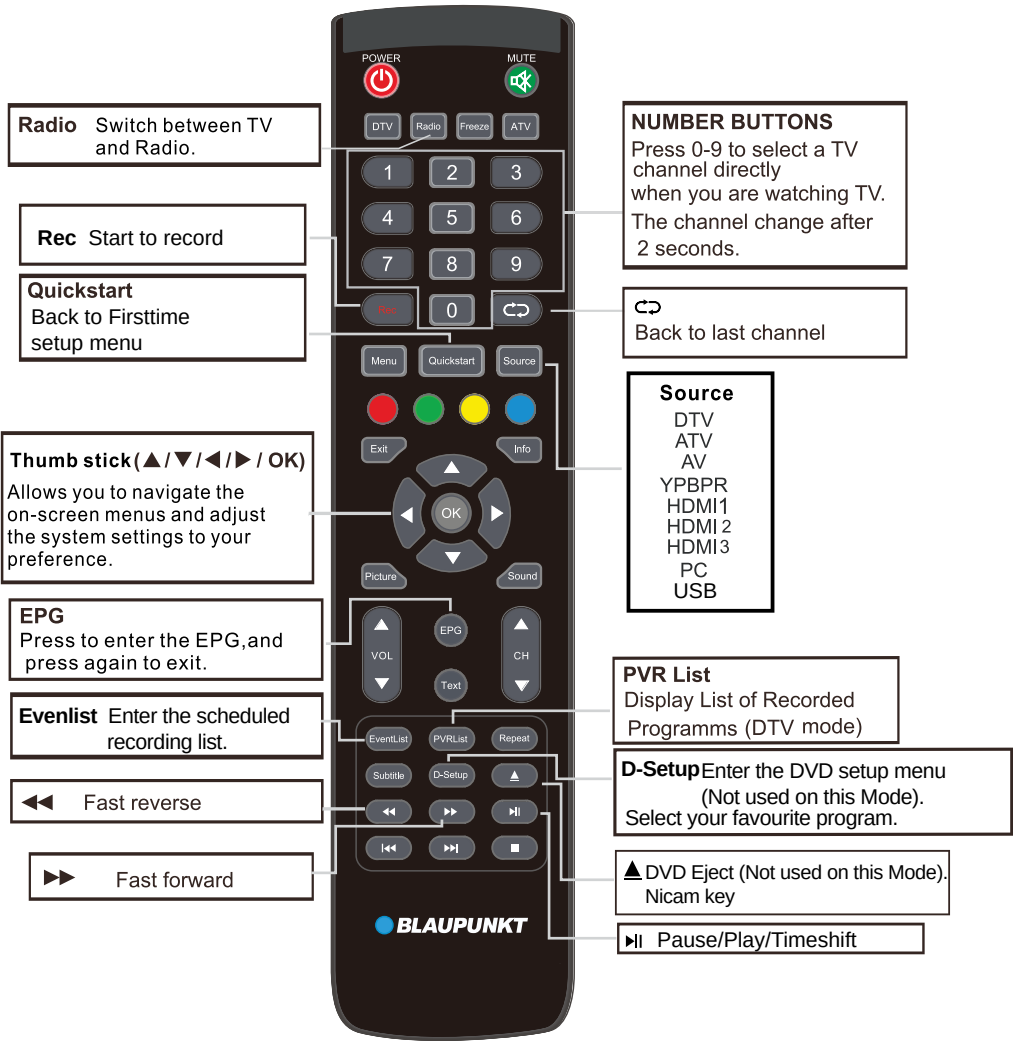


Remote Control



Remote Control

- **Functions of remote control buttons**
Dependant on the model of theTV some keys will have no function
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Dependant on the model of theTV some keys will have no function



Replacement Remote part number: BPRC15
Remote Code: 807F

Making Video and Audio Connections

Not all AV devices have the ability to connect to a TV, please refer to the owner's manual of your AV device for compatibility and connection procedures.

When connecting any external AV device, do not connect the mains cable to the mains socket until all other connections are complete.

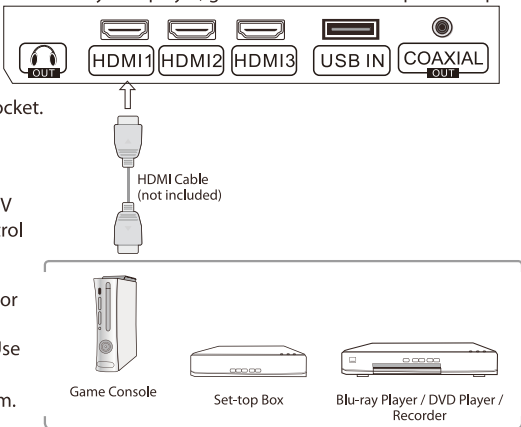
Best Video Performance		Signal Type	Separate Audio Connection Required
		HDMI (480i/480p/576i/576p/720p/1080i/1080p)	No
		PC	Yes 
		Component Video (480i/480p/576i/576p/720p/1080i/1080p)	Yes 
		Composite Video	Yes 

Connecting an AV Device with an HDMI Cable

- This TV can accept High-Definition Multimedia Interface (HDMI) and supports HDCP (High-Bandwidth Digital Content Protection) Protocol.
- The TV has a total of 3 HDMI input sockets, please make sure the correct input source is selected corresponding to your connected HDMI input socket.
- When you connect to the output of an HD ready player (blu-ray disc player, game console, set-top box or computer) switch to the HDMI function and the TV will automatically detect the resolution used by the HDMI source.
- To get the best picture quality, adjust the blu-ray disc player, game console or set-top box output resolution up to 1366x768.

- Use an HDMI cable to connect the TV's HDMI input socket to the external AV device's HDMI output socket.
- Plug the connected devices into the mains socket
- Press the **STANDBY** button on the TV or the  button on the remote control to turn on your TV.

- Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the  buttons to select **HDMI** and then press the **OK** button to confirm.



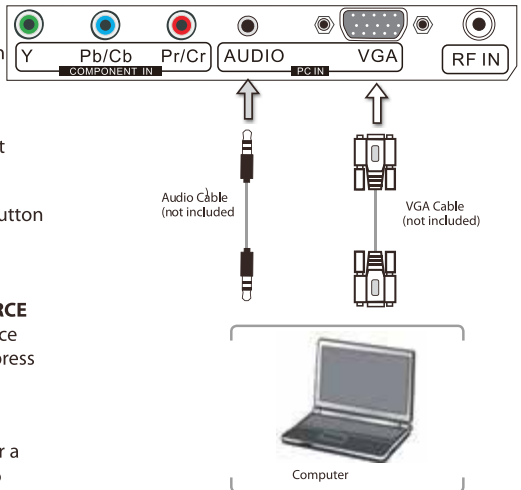
 Although this TV is able to connect to an HDMI device, it is possible that some devices may not operate correctly.

Connecting a Computer with a VGA Cable

- Use a VGA cable to connect the TV's PC input socket to a computer's VGA output socket. Use an audio cable to connect the TV's PC AUDIO input socket to the computer's audio output socket.
- Plug the connected devices into the mains socket
- Press the **STANDBY** button on the TV or the  button on the remote control to turn on your TV.
- Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the  buttons to select **PC** and then press the **OK** button to confirm.



- The best resolution is 1920 x 1080
- If your computer is set to shut down after a few minutes of idle mode, the TV will also switch to standby due to no signal being received, this is to save energy. Press the **STANDBY** button on the TV when viewed from the front or the  button on the remote control to restart the TV.

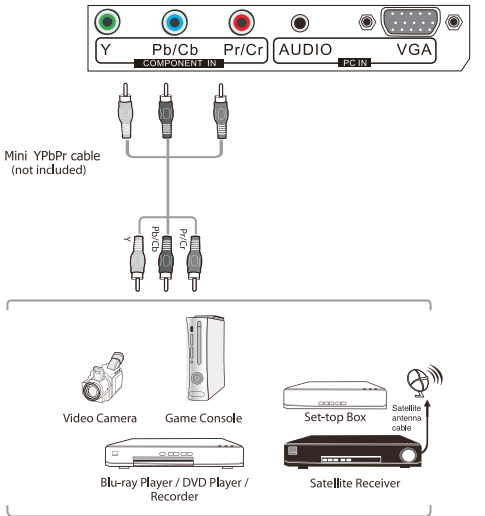


Connecting an AV Device with a Component (YPbPr) Cable

- Use a component cable to connect the TV's YPbPr input sockets to an external AV device's component output sockets.
- Use an AV cable to connect the TV's AV input sockets to the external AV device's component audio output sockets. (Audio Left = white, and Audio Right = red)

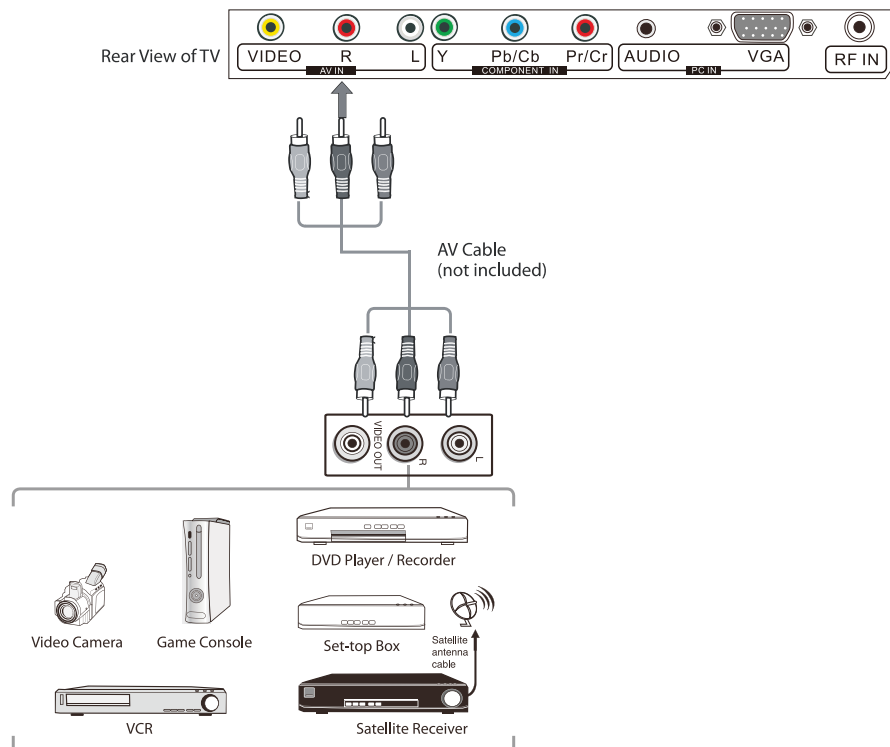
Component port on the TV	YPbPr		
Video output ports on DVD player	Y	Pb	Pr
	Y	Cb	Cr

- Plug the connected devices into the mains socket
- Press the **STANDBY** button on the TV or the  button on the remote control to turn on your TV.
- Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the  buttons to select **YPbPr** and then press the **OK** button to confirm.



Connecting an AV Device with Composite Cable

1. Use an AV cable to connect the TV's AV input sockets to an external AV device's composite audio/video sockets. (Video = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the mains socket
3. Press the **STANDBY** button on the TV or the **⏻** button on the remote control to turn on your TV.
4. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the **▲▼** buttons to select **AV** and then press the **OK** button to confirm.



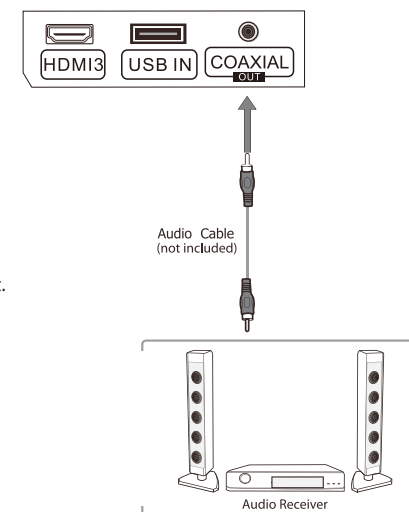
Connecting a Digital Audio Receiver

For better sound quality, you may want to play the audio through your multi-channel audio receiver.

1. Use an audio cable to connect the TV's Digital Audio out socket to an external audio receiver's audio coaxial input socket.
2. Plug the connected devices into the mains socket
3. Press the **STANDBY** button on the TV or the **⏻** button on the remote control to turn on your TV.
4. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the **▲▼** buttons to select any desired input source and then press the **OK** button to confirm.



The TV's volume control will have no effect. You may control the audio level via the Audio Receiver.



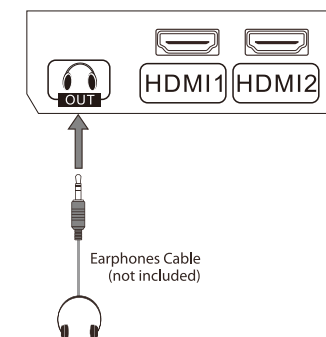
Connecting Headphones

Connect your headphones to the TV's Headphone out socket.

Before putting on headphones, turn the volume down then put the headphones on and slowly increase the volume until you reach a comfortable listening level.



Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended periods.



Turning the TV on for the First Time

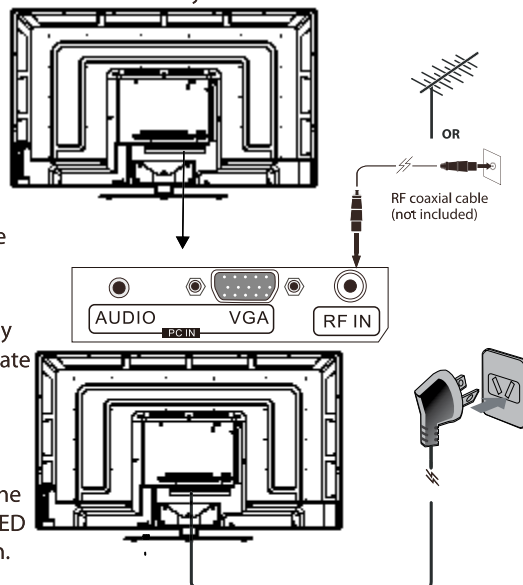
1. Connect one end of the RF coaxial cable to the aerial socket on the wall and the other end of the cable to the Aerial socket at the rear bottom of your TV.

 Do not connect the TV to the mains supply until you have completed all the connections.

2. Connect the mains cable to the mains socket after you have completed all the connections.

3. At this stage, the TV switches to standby mode. The red LED indicator will illuminate on the front panel of the TV.

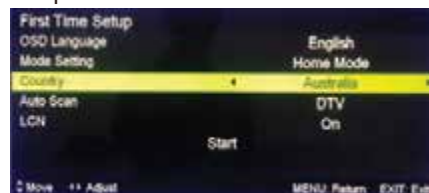
4. In standby mode, press the **STANDBY** button on the TV or the  button on the remote control to turn the TV on. The LED indicator will change from red to green.



- Always disconnect the TV from the mains socket when not in use for a long period of time.
- The **STANDBY** button on the TV or the  button on the remote control is only used for switching the TV into standby, it does not disconnect the TV from the mains power. To completely disconnect the mains power, please remove the mains cable from the mains socket.

5. If this is the first time you are turning on the TV and there are no programs in the TV memory, The **First time setup** menu will appear on the screen, press the  button to select the following options to finish the first time setup.

1. **OSD language**: Select your language.
2. **Mode setting**: Select the TV mode.
3. **Country**: Select your country.
4. **Autoscan**: Select your TV service.
5. **LCN**: Set the LCN to ON/OFF.



Ensure your aerial, cable or dish is plugged in to the TV, then select the **start** option and press **OK** button, the TV will start to install the service you have selected.

Selecting the Input Source

1. Press the **Source** button on the TV or the **Source** button on the remote control to display the Input source list.
2. Press the  buttons to select the input source that you want: DTV, ATV, AV, YPBPR, HDMI1, HDMI2, HDMI3, PC, USB.
3. Press the **OK** button to confirm your selection.



In DTV mode, press the **Radio** button to switch to DTV/ digital radio channels directly.

SOURCE
DTV
ATV
AV
YPbPr
HDMI1
HDMI2
HDMI3
PC
USB

Channel Selection

- Press the **CH+ / -** buttons on the TV or on the remote control repeatedly or the **0-9** buttons on the remote control to select the channel.



Alternative

Press the **OK** button to enter the **Channel List**. Then use the  buttons to highlight and select the channel. Press the **OK** button to view the selected channel.

- If a blocked channel is selected, the password screen will be displayed. Press the **0-9** buttons to enter the password, the channel will then be unlocked (refer to page 21 for details on **LOCK**).
- Press the  button to return to the previously viewed channel.

Display Channel Information

- Press the **Info** button to view the current information.

Volume Adjustment

- Press the **VOL+ / -** button on the TV or on the remote control to adjust the volume.
- If you wish to switch the sound off, press the **Mute** button. Press the **Mute** button again or the **VOL+ / -** button to resume audio listening.

Picture Setting

Allows you to set your preferred picture mode.

1. Press the **Menu** button and then press the ◀▶ buttons to select the **PICTURE** menu.
2. Press the **OK** or ▲▼ buttons and then press the ▲▼ buttons to select the following picture options.



Picture Mode Press the ◀▶ buttons to cycle among picture mode: Dynamic / Standard / Mild / Personal.

Alternative

You may press the **Picture** button once and then press the **Picture** buttons to select the picture mode directly.

Brightness Press the ◀▶ buttons to increase or decreases the amount of white in the picture, and then press the OK button to confirm. (for User mode)

Contrast Press the ◀▶ buttons to adjust the difference between light and dark levels in the picture, and then press the OK button to confirm. (for User mode)

Sharpness Press the ◀▶ buttons to adjust the level of crispness in the edges between light and dark areas of the picture, and then press the OK button to confirm. (for User mode)

Saturation Press the ◀▶ buttons to control the colour intensity, and then press the OK button to confirm. (for User mode)

Hue (For NTSC format) Press the ◀▶ buttons to adjust the balance between red and green levels, and then press the OK button to confirm. (Hue is only available for NTSC signal input via the AV IN.)

Colour Temp Press the ◀▶ buttons to cycle among colour temperature: Standard / Cool / Warm. Adjusts the colour components independently to achieve a warm or cool.

- **Standard**
- **Cool:** Increases blue tint
- **Warm:** Increases red tint

n, **Aspect Ratio** Press the ◀▶ buttons to cycle among aspect ratio: 4:3 / Full / Zoom1 / Zoom2 and then press the **OK** button to confirm.

Picture Setting

	Input Signal 4:3		Input Signal 16:9	
4:3	This selection will allow you to view a picture with an original 4:3 aspect ratio. Black bars will appear on both the left and right of the screen.		This selection will allow you to adjust the picture horizontally, in linear proportion. Black bars will appear on both the left and right of the screen.	
FULL	This selection will allow you to adjust the picture horizontally, in linear proportion, to fill the entire screen.		This selection will allow you to view a picture with an original 16:9 aspect ratio.	
Zoom1	This selection will allow you to zoom in the picture without any alteration, while filling the entire screen. However, the top and bottom of the picture will be cropped.		This selection will allow you to zoom in the picture without any alteration, while the 4 sides of the picture will be cropped.	
Zoom2	This selection is similar to 16:9 mode, but the picture slightly stretches vertically and clips off a little from the top and bottom.		This selection is similar to 16:9 mode, but the picture slightly stretches vertically and clips off a little from the top and bottom.	

Advanced Settings Press **OK** button or ▶ button to activate the advaned setting menu.
NR: Press the ◀▶ button to select the NR mode from Medium/Strong/off/Weak.
MEPG NR: Press the ◀▶ button to select the MEPG NR mode from Medium/Strong/off/Weak.
Dynamic Contrast: Press the ◀▶ button to select the Dynamic Contrast: mode from Medium/Strong/off/Weak.



PC setting Press the ▲▼ button to select PC settings option, then press the OK or ▶ button to enter the sub menu to set (Only available on PC mode)

3. Press the **Menu** button to return to the previous menu. Press the **Exit** button to exit the menu.

Sound Setting

Allows you to select an audio-enhancement technique.

1. Press the **Menu** button and then press the ◀▶ buttons to select the **SOUND** menu.
2. Press the **OK** or ▲▼ buttons and then press the ▲▼ buttons to select the following sound options.



Sound Mode Press the ◀▶ buttons to select an audio-enhancement technique: Standard / Music / Personal / Movie.

➡ **Alternative** _____

You may press the **Sound** button once and then press the **Sound** buttons to select the sound mode.

Treble Press the ◀▶ buttons to control the relative intensity of higher pitched sounds, and then press the **OK** button to confirm. (for user mode)

Bass Press the ◀▶ buttons to control the relative intensity of lower-pitched sounds, and then press the **OK** button to confirm. (for user mode)

Balance Press the ◀▶ buttons to adjust the relative volume of the speakers in a multiple speaker system, and then press the **OK** button to confirm. (for user mode)

Surround Sound Press the ◀▶ button to select ON/OFF.

EQ setting Press the **OK** or ▶ button to activate the EQ setting Menu.

AVL Press the ◀▶ button to select ON/OFF.

SPDIF Press the ◀▶ buttons to select SPDIF Mode Auto/Off/PCM.

Audio Description Press **OK** or ▶ button to enter the Audio description menu to set the Audio mode to ON/OFF.

Sound Type Press the ◀▶ button to cycle among sound type: stereo/Dual I/Dual II/ Mixed.

3. Press the **Menu** button to return to the previous menu. Press the **Exit** button to exit the menu.

Channel Setting (TV, DTV or Radio Mode)

Allows you to set up a variety of channel options.

1. Press the **Menu** button and then press the ◀▶ buttons to select the **CHANNEL** menu.
2. Press the **OK** or ▲▼ buttons and then press the ▲▼ buttons to select the following channel options.



Auto Scan

To select auto scan mode (DTV/ATV/ DTV+ATV)

1. Press **OK** or ▶ button to enter **Auto scan** Menu .

2. Press ▲▼ button to highlight country and mode options.

Country: Press the ◀▶ button to select your country.

Mode : Press the ◀▶ button to cycle among the TV mode: ATV/DTV/DTV+ATV.

ATV mode: Select ATV to scan all available analogue channels and store them, To exist the tuning menu

by press Exit, To skip the tuning menu by press the menu button.

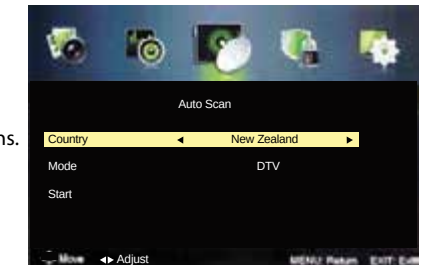
DTV mode: Select DTV to scan all available DTV channels and store them. To exist the tuning menu by press Exit, To skip the tuning menu by press the menu button

ATV+DTV: Select ATV+DTV to scan all available DTV and ATV channels and store it. To exist the tuning menu by press Exit, To skip the tuning menu by press the menu button

3. Press the **Start** button for Auto scan your service.

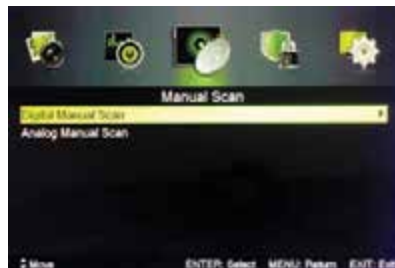
4. Press the **Menu** button to return back to the main menu.

5. Press the **Exit** button to exit the menu.



Digital Manual Scan

1. Press the **OK** or **►** button to enter Digital Manual scan screen, select a channel number by press the **◀▶** button or using the number Buttons on the remote control. the Frequency and Strength of the signal indication bars are below, if the strength is too weak, the TV may fail to tune into this channel. then press the start to begin the search.



2. Press **▲▼** button to select the Manual scan mode.

Digital Manual Scan: Press ok or **►** button to enter Manual scan screen, select a channel number by pressing the **◀▶** button or using the number buttons on the remote control, then press the start to begin the search. To exit the tuning menu by press Exit.

Analog Manual Scan: Press ok or **►** button to enter Analog Manual scan screen. then press the **▲▼** button to select the following options.

Analog Scan: Input the channel frequency by using the number buttons on the remote control.

Channel to save: Store the current channel

Start: Press this button to begin the search, and press the Exist button to exit the tuning menu.

3. Press the Menu button to return back to the main menu.

4. Press the Exit button to exit the Menu.

Channel edit

1. Press **OK** or **►** button to enter **Channel edit** Menu .

2. A channel edit screen will pop up, Press the **▲▼** buttons to select the channel you want to edit.

a. Delete

Press the **RED** button to delete the selected channel.

b. Skip

Press the **YELLOW** button to select the channels that you want to skip when you are selecting channels.

Press the **YELLOW** button again to undo it.

c. Move (Only available in ATV)

Press the **BLUE** button and then press the **▲▼** buttons to move to the selected position. Press the **BLUE** button or the **OK** button to confirm.

3. Press the **Menu** button to return back to the main menu.

4. Press the **Exit** button to exit the menu.

Signal Information

Press the **OK** or **►** button to see the detail information about the signal. Only available when there is signal on DTV mode.

Lock system

Allows you to set up a variety of Lock options.

1. Press the **Menu** button and then press the **◀▶** buttons to select the **Lock System** menu.
2. Use the **0-9** buttons to input a 4-digit password to enter the Lock options.



- The default password is "0000".
- If you change the password, be sure to remember the new password! If you forget the new password, press the master password "8888".



Enable: ON: Turns on the Lock options. (This option must be set to ON for the channel Lock option to function) Once the Lock option is activated (ON). To view any locked channels you will need to give a password. For Auto, Manual tune and **channel edit** a password will also be needed.

OFF: Turn off the LOCK options. (All functions of the TV will be available)

Channel Locks: Press **▲▼** button to select channel Locks, then press OK or **►** button to enter sub-menu. to lock channel according to then instruction.

Parental Rating: No block: Turn off parental lock.

Block G+ - Block All+: Turn on Parental Lock and set the parental rating level to show programs below the level, while a password controls access to higher-level programs.

Press the **▲▼** button to select the Parental Rating, then press the **◀▶** button to select No Block / Block G+.../Block ALL+.

Lock Keypad: Set to prevent it from being used by your children, or other unexpected usage.

Press the **▲▼** button to select Lock Keypad, then press the **◀▶** button to select ON/OFF

Hotel mode: Press the **▲▼** button to select Hotel mode, then Press the **OK** button or **►** to enter the mode.

New password: Use the 0-9 button to input 4-digit as the new password, then repeat the 4-digit to confirm the new password.

Clear Lock: Press the **▲▼** button to select Clear lock, then Press ok or **►** button to clear the Lock.

3. Press the **Menu** button to return back to the main menu.

4. Press the **Exit** button to exit the menu.

Setup Setting

Allows you to set up a variety of setup options.

1. Press the **Menu** button and then press the ◀▶ buttons to select the **Setup** menu.
2. Press the **OK** or ▲▼ buttons and then press the ▲▼ buttons to select the following setup options.



OSD language: Press the ◀▶ button to select the menu language.

Audio Language: Press the OK or ► button to select the Audio language sub-menu to select the Audio language.

Subtitle: Press the **OK** or ► button to enter sub-menu to select the subtitle language.

Teletext: Press the **OK** or ► button to enter teletext menu to adjust teletext settings
(Only available on ATV and DTV mode)

Blue screen : Press the ◀▶ button to select ON/OFF.

Mode setting: Press the ◀▶ button to select store mode /home mode.

Time settings: Press the **OK** or ► button to enter Time Setting menu.,and select the following time setup options.

OSD Time: Press the ◀▶ buttons to select the display time of the on-screen menu: 10s / 20s /30s/60s/off.

Sleep Timer: The sleep timer automatically switches the TV to standby after the preset time has elapsed. The clock will be set automatically when receiving a digital signal. Time must be set before using Sleep Timer function.
Press the ◀▶ buttons to select a period of time after which the TV automatically switches to standby mode: OFF/5/15/...120/240 min.
The timer begins to count down from the number of minutes selected.

Auto Sleep: The unit will automatically switch to standby mode 3,4 or 5 hours after the last time the remote control/ button on TV unit were used. A reminder screen will pop up and count down before the unit switches to standby mode. If you want to operate the TV for a long period of time, turn off the auto standby function by selecting Never.
If you want to cancel the Auto sleep when the reminder screen pop up, press any buttons can cancel it.

Time Zone: Press **OK** or ► button to enter the region menu, select your region and confirm it by press **OK** button.

Time: Press **OK** or ► button to enter the Time menu to adjust the time.

PVR Settings

Press ▼ / ▲ button to select PVR Settings, then press **OK** button to enter sub-menu.



First time setup:

Press ok or ► button to activate the first time setup menu.

Reset:

Press ok or ► button to select the factory reset item, then select the YES to set.

EPG Menu

Press the button EPG in the remote control to enter EPG menu.

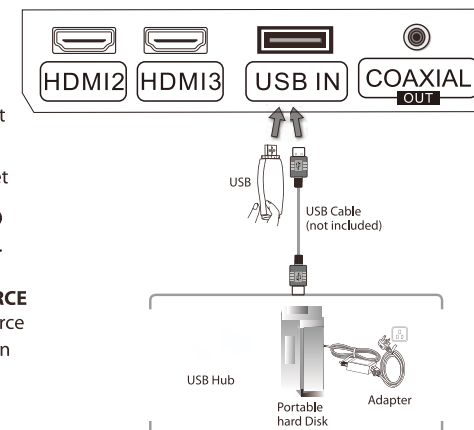


Note:

Broadcaster of the channel is responsible for EPG information.

Connecting a USB Storage Device

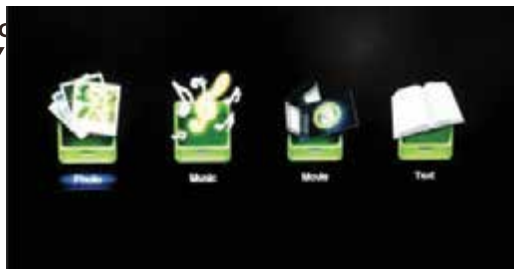
1. Switch off the TV before connecting any USB storage device.
2. Connect your USB storage device to the USB port of your TV.
3. Plug the connected devices into the mains socket
4. Press the **STANDBY** button on of the TV or the **⏻** button on the remote control to turn on your TV.
5. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the **▲▼** buttons to select **USB** and then press the **OK** button to confirm.



- If a hard disk is used, make sure its mains adapter is connected to the mains supply.
- If a USB hub is used, make sure its mains adapter is connected to the mains supply as the total current consumption may exceed 500mA.
- The maximum supported storage space of the hard disk is 1 TB.
- The file system only supports HiSpeed FS, FAT16, FAT32, NTFS formats (NTFS Compressed files are not supported).
- If you want to store the video streaming of a DTV programme, the transfer rate of the USB storage device must not be less than 5MB/s, otherwise the picture and sound of the programme will be affected and a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device.
- The TV screen will be blank temporarily as it will take time to start up and stabilise the connected hard disk. This is normal and the starting time may vary depending on the brand and the memory size of the connected hard disk.
- Disconnect the USB storage device if it is not in use.
- USB output: DC 5V  500mA

Viewing Photos

1. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control then press the **▲▼** buttons to select the **USB** mode and then press the **OK** button to display the root menu.
2. Press the **◀▶** buttons to select **PHOTO** and then press the **OK** button.
3. Press the **◀▶** buttons to select your storage device and then press the **OK** button.



File format supported: JPG / JPEG.

4. Press the **▲▼◀▶** buttons to navigate in the picture folder and then press the **OK** button. Select the picture file and then press the **OK** button to view.
5. Press the Info button to display the function bar, press the **OK** to play/pause the picture, press the **▲▼** button to rotate the picture when the picture in pause condition, press the **◀▶** button to view the Pre./Next picture, press the blue button to enter the Quick Menu.

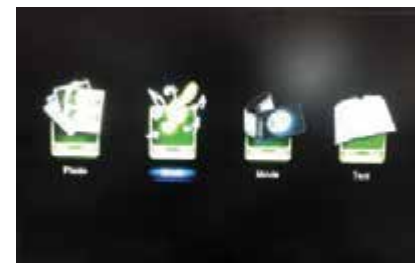


If this folder also contains music files, you can select a music to play on music menu, then back to view your photo, so that you can listen to the music at the same time while viewing your photo.

6. Press the **Exit** button to return back to the previous menu and to select another file to play. Press the **Exit** button repeatedly to return to the root menu.

Listening to Music

1. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control then press the **▲▼** buttons to select the **USB** mode and then press the **OK** button to display the functions bar.
2. Press the **◀▶** buttons to select **MUSIC** and then press the **OK** button.



3. Press the **▲▼** buttons to select your storage device and then press the **OK** button.
4. Press the **▲▼** buttons to navigate in the music folder and then press the **OK** button. Select the music you want to play and then press the **OK** button to play it.



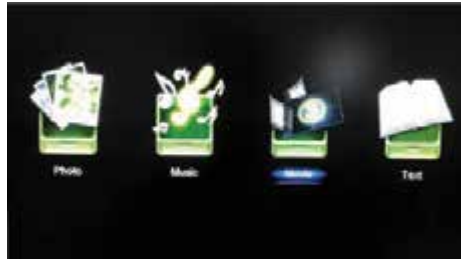
- Some audio file formats will not be supported.
- Supported file formats: MP3/AAC/M4A/WAV.
- Supported Audio decoder: MPEG-1 layer3/MPEG-2 layer3 /AAC/HE-AAC V1/HE-AAC V2/LPCM/ADPCM

5. Press the **OK** button and then press the **◀▶** button to select the Play/Prev./Next/FB/FF/Pause, press the blue button to enter the Quick Menu.
6. Press the **Exit** button to return back to the previous menu and to select another file to play. Press the **Exit** button repeatedly to return to the root menu.



Watching Movies

1. Press the **SOURCE** button on the TV or the **Source** button on the remote control then press the **▲▼** buttons to select the **USB** mode and then Press the **OK** button to display the root menu.
2. Press the **◀▶** buttons to select **MOVIE** and then press the **OK** button.
3. Press the **▲▼** buttons to select your storage device and then press the **OK** button.
4. Press the **▲▼** buttons to navigate in the movie folder. Select the movie file and then press the **OK** button to view.



- Some audio file formats will not be supported.
- Supported file formats and decoder is as follow:

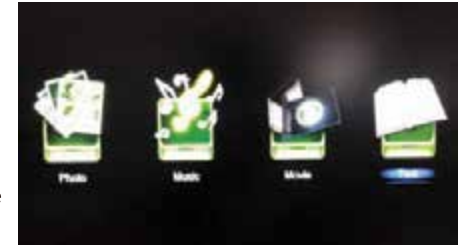
File format	Decoder	
	Video	Audio
AVI	MPEG-1/MPEG-2 MP/MPEG-4 SP/MPEG-4 ASP/MPEG-4 XVID/H.264 MP@Level 4/H.264 HP@Level 4	MPEG-1 Layer2/MPEG-1 Layer3/MPEG-2 Layer3/AC-3/AAC-LC/HE-AAC V1/HE-AAC V2
MPEG	MPEG-1 MP/MPEG-2 MP	
MPEG4	MPEG-4 SP/MPEG-4 ASP/MPEG-4 XVID/H.264 MP@Level 4/H.264 HP@Level 4	
TS	MPEG-1/MPEG-2 MP/H.264 MP@Level 4/H.264 HP@Level 4	
MKV	MPEG-1/MPEG-2 MP/MPEG-4 SP/MPEG-4 ASP/MPEG-4 XVID/H.264 MP@Level 4/H.264 HP@Level 4	
FLV	H.264 MP@Level 4/H.264 HP@Level 4	

5. Press the **Info** button or the **OK** button to display the function bar. Press the **◀▶** buttons and then press the **OK** button to select the Play/Prev./Next/FB/FF/Pause. press the blue button to enter the Quick Menu.
6. Press the **Exit** button to return back to the previous menu and to select another file to play Press the **Exit** button repeatedly to return to the root menu.



Viewing Texts

1. Press the **SOURCE** button on the TV or the **Source** button on the remote control then press the **▲▼** buttons to select the **USB** mode and then press the **OK** button to display the root menu.
2. Press the **◀▶** buttons to select **TEXT** and then press the **OK** button.
3. Press the **▲▼** buttons to select your storage device and then press the **OK** button.
4. Press the **▲▼** buttons to navigate in the text folder. Select the text file and then press the **OK** button to view.
5. press the **◀▶** button to view Pre./Next page,press the number button on the remote control to view the page directly, press the **◀◀▶▶** button to view the Pre./Next text file.press the blue button to enter the Quick Menu.



Only supported TXT format.

6. Press the **Exit** button to return back to the previous menu and to select another file to play. Press the **Exit** button repeatedly to return to the root menu.



If this folder also contains music files,you can select a music to play on music menu, then back to view your text, so that you can listen to the music at the same time

Time Shift Function (DTV Mode)

This function allows the TV to virtually record the live viewing broadcast programme.



- Time Shift Mode and Recording functions may not work if the signal strength is weak.
- Stop the time-shift function before switching to another input source.



If the transfer rate of the USB storage device is too slow for recording or time shift function, a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device.

During normal TV viewing, you may press the **II** button to virtually pause the live viewing broadcast programme if you want to go out for a while (e.g. going to the bathroom / kitchen). "II" will show on the screen.

There may be a few seconds delay in video and sound when the unit starts to playback the missed broadcast programme. It will return to normal.

Time shift input info menu:

Information Press the **II** button to display time shift bar.

Time shift info bar:

During Time shift operation press the info button on the remote control to display the Time shift info bar.

Functions:

- a The time is equal to the current playback time minus the current recording time.
- b The recording progress bar.
- c MB Free gives the storage space left on the usb storage device.



Time shift info bar

Recording DTV Programme onto a USB Storage Device

Use this function to record the DTV programme you are watching on the main screen and save them for future viewing. Make sure that your connected USB storage device has enough available memory space.

1. Press the **Rec** button to record the programme that you are currently watching.

REC



REC info bar



During the recording operation press the info button on the remote control three times to display the recording info bar.

2. Press the **Stop** button to stop recording.



Recording will stop automatically when the disk is full.

Timer Programming

This function is used to perform scheduled recording.

1. Press the eventlist button enter scheduled record setting lists, you can also enter the scheduled record list via press the PVR button to enter PVR Settings, then select the scheduled Record.
2. Press the **OK** button to select the following options.

Frequency Press the **◀▶** buttons to select the Onec/Daily/Weekly/Weekday/off.

Channel Press the **◀▶** buttons to select the channel.

Start time Press the **◀▶** buttons to select the Year/Month/Date, then press the number buttons on the remote to adjust the Hour and Minutes, then select save to finish the adjustment of the Start Time.

End Time Press the **◀▶** buttons to select the Year/Month/Date, then press the number buttons on the remote to adjust the Hour and Minutes, then select save to finish the adjustment of the End Time.



3. Press the **PVRlist** button to enter PVR setting, then press the ◀▶ buttons to select the file manager option, then press the ▲▼ buttons to select the file you want to view, then press the OK or blue button to view.

Maintenance

Careful and regular cleaning can prolong the life of your TV.

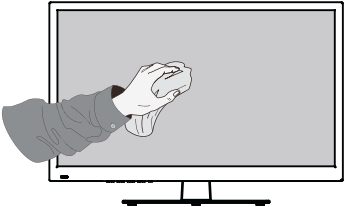


Be sure to Disconnect the mains cable from the mains socket before any cleaning.

1. Use a soft dry cloth to wipe away the dust from the screen and surfaces.
2. If the surfaces are extremely dirty, clean the TV with a cloth which has been dipped in a weak soapy water. Wring the cloth until it is almost dry, then use it to wipe the TV.
3. Ensure there is no excess water on the screen. Allow any water or dampness to evaporate before switching the TV on.



Never use alcohol, benzine, paint-thinner, cleaning fluid or other chemicals. Do not use compressed air to remove dust.



Hints and Tips

The following table contains various hints and tips to get the best performance from your TV.

The TV does not operate properly.

The TV does not respond when pressing any buttons	• The TV may freeze up during use. Disconnect the mains cable from the mains socket for a few minutes. Reconnect the mains cable and try to operate it again as usual.
--	--

Viewing Texts

TV cannot be switched on	- Check that the TV is connected to the mains supply - Make sure all connected AV devices are switched off before switching on your TV.
The remote control does not work	- Check to see if there are any objects between the TV and the remote control causing an obstruction. Ensure that you are pointing the remote control directly at the TV. - Ensure that the batteries are installed with the correct polarity (+ to +, - to -). - Install new batteries.
Power is suddenly turned off	- Check the power of the TV. The mains supply maybe interrupted. - Check if the sleep timer is set. - Check whether the Auto Standby is activated.
The video function does not work.	
No Picture & No Sound	- Check whether the TV is switched on. - Try another channel. The problem may be caused by the broadcaster.
Picture appears slowly after switching on	This is normal, the image is muted during the TV startup process. Please contact your service centre, if the picture has not appeared after five minutes.
No or poor colour or poor picture	- Adjust the settings in the PICTURE menu. - Try another channel. The problem may be caused by the broadcaster. - Check if the video cables are connected properly.
Horizontal / Vertical bar or picture shaking	Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	- Station or cable channel may be experiencing problems, tune to another station. - Station signal is weak, reposition the aerial for better reception. - Check for sources of possible interference.
Lines or streaks in pictures	Check aerial (Change the position of the aerial.)
No pictures when connecting HDMI	Check if the input source is HDMI.
Picture appears in wrong ratio	Adjust the Aspect Ratio settings in the PICTURE menu.
The audio function does not work.	
Picture OK but no sound	- Press the VOL + / - buttons. - Sound muted? Press the Mute button. - Try another channel. The problem may be caused by the broadcaster.
No output from one of the speakers	Adjust the Balance settings in the SOUND menu.
Unusual sound from Inside the TV	A change in ambient humidity or temperature may result in an unusual noise when the TV is switched on or off and does not indicate a fault with the TV.

No sound when connecting HDMI	Check if the input source is HDMI.
Audio noise	Keep the RF coaxial cable away from the other connected cables.
Password	
Lost Password	Enter the master password "8888" in the Lock system, then select clear lock option to clear your previous password.
There is a problem in PC mode.	
The signal is out of range (Invalid format)	Adjust the resolution, horizontal frequency, or vertical frequency.
Vertical bar or stripe on background & Horizontal Noise & Incorrect position	Use Auto configure or adjust clock, phase, or H/V position.
Screen colour is unstable or single colour	- Check the signal cable. - Reinstall the PC video card.
FAQs (Frequently Asked Questions)	
Why have I lost some / all of my channels?	It happens sometimes, if you have a weak signal. Usually it just means you'll need to rescan your digital box or TV. Don't worry, it's easy to do. And once you've done it, you should get all the Freeview channels available to you. If problems persist you may need to get your aerial checked. Talk to your retailer or contact your local aerial installer.
Why do I get 'blocking' on my digital picture?	- In most cases, blocking is caused by a reception problem – either the signal is too weak or there is some kind of interference. Talk to your retailer or contact your local aerial installer. - Blocking can also be caused by a digital signal that is too strong. If you are still experiencing blocking and the signal is strong, consult your local aerial installer for advice.
What type of aerial do I need?	- If you are installing a new aerial, we recommend a wideband rooftop aerial rather than a loft aerial. Loft aerials generally receive a weaker digital signal and are more likely to get interference from other electrical devices in the home. We suggest you have an aerial survey done before getting an aerial upgrade. - Talk to your retailer or contact your local aerial installer.

Display Modes

The screen resolution has been optimised during production for the display modes listed below.

YPbPr Mode

Resolution	Vertical Frequency (Hz)	Aspect Ratio
480i: 720 x 480	60	4:3 / 16:9 / Zoom1 / Zoom2
480P: 720 x 480		
576i: 720 x 576	50	
576P: 720 x 576		
720P: 1280 x 720	50	
	60	
1080i: 1920 x 1080	50	
	60	
1080P: 1920 x 1080	50	
	60	

PC Mode

Please check the display settings of your computer before connecting to the TV. If the display setting of your computer does not match the TV, there may be no video.

Resolution	Vertical Frequency (Hz)	Aspect Ratio
640 x 480	60	4:3 / 16:9/Dot to Dot/Full
	72	
	75	
800 x 600	60	
	72	
	75	
1024 x 768	60	
	70	
	75	
1360 x 768	60	
1920 x 1080	60	

HDMI Mode

Resolution	Vertical Frequency (Hz)	Aspect Ratio
480i: 720 x 480	60	4:3/Full/ Zoom1 / Zoom2
480P: 720 x 480		
576i: 720 x 576	50	
576P: 720 x 576		
720P: 1280 x 720	50	
	60	
1080i: 1920 x 1080	50	
	60	
1080P: 1920 x 1080	50	
	60	

Specifications

Model	BP4820FHD
Panel System	48"inch LED Panel
Display Resolution	1920(H) x 1080 (V) pixels
Television System	PAL I/BG/DK/SECAM/ BG/DK/L/L'
Brightness	300 cd/m ²
Contrast Ratio	5000:1
Power Source	AC100~240V ~
Operating Power Consumption	MAX120W
Average Annual Energy Consumption	293kWh
Standby Power Consumption	<0.5 W
Operating Temperature	0°C – 40°C
Vesa Wall mounting size / Screw size	200 x 200mm/M6*10
Speaker Power	7W+7W
Dimension (W x D x H)without base	1095.9x92.1x641.4mm
Dimension (W x D x H) with base	1095.9x250x683.2mm
Weight (Net)	13.6 kg
Inputs / Output	
HDMI	3
PC	1
PC AUDIO	1
YPbPr	1
AV	1
USB	1
Digital audio out	1
RF (75 Ω)	1
Earphone (3.5mm)	1

Features and specifications are subject to change without prior notice.

Safety Warnings

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.

Damage

- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- This unit is designed for indoor use only.

Temperature

- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas / electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames

- Never place any type of candle or naked flame on the top of or near the unit.

Moisture

- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

Ventilation

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.

Safety

- Always disconnect the unit from the mains supply before connecting / disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.

Mains Cable

- Make sure the unit or unit stand is not resting on top of the mains cable, as the weight of the unit may damage the mains cable and create a safety hazard.
- If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Optimum viewing

- View the unit in moderate light to prevent eye strain. It is recommended to watch the unit from a distance 3-7 times that of the screen height.

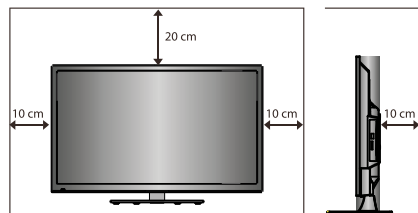
LED screen

- The LED screen is manufactured using high-precision technology. However, some tiny black points and / or bright points (red, blue or green in colour) may constantly appear on the LED screen. These points are generated in the manufacturing process and are normal.

Screen Burn

- A characteristic of Plasma and LED TV Panels is that displaying the same image for a long time may cause a permanent after-image to remain on the screen. This is called screen burn. Most pictures shown on the unit will be constantly moving and fill the screen.
- Examples of images that you need to watch out for are as follows (this is not an all-inclusive list):
 - 1. Black Bars:** If black bars appear at the left / right or top / bottom of the screen, it is recommended to change the format so that the picture fills the entire screen.

- Make sure that there is a gap of at least 10 cm on both sides and a gap of 20 cm at the top.



Headphones

- Listening to loud sounds for prolonged periods of time may permanently damage your hearing.
- Before putting on headphones, turn the volume down then put the headphones on and slowly increase the volume until you reach a comfortable listening level.

Standby

- The button on the remote control does not switch off the unit completely. The unit will continue to draw electricity from the mains supply while in standby. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit in standby while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.

Batteries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.

Supervision

- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

2. **TV Channel Logos:** e.g. Shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.

3. Time Displays

4. TV Menus

5. **Pause Mode:** Do not leave the screen in pause mode for long periods of time, e.g. when watching videos.

To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

Service

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.

Important Note

This TV is fitted with the latest ECO friendly power saving technology. If whilst viewing the TV remote control is not used for a period of 4 hours, the Auto Standby feature will operate and power down the TV. A warning message will be displayed to inform you that the TV is about to power down.

Disable this feature by setting the AUTO POWER OFF option in the main Menu / FEATURE to NEVER.



Packaging materials are not toys. Please keep away from children. Plastic bags can cause suffocation when pulled over the head.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

IMPORTANT INFORMATION

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the television on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

Waste Electrical Recycling

Correct disposal of Product



This sign indicates that this product may not be disposed of with your regular household waste. The recycling and separate collection of such products is your responsibility. Please drop off the above mentioned waste at a designated place for recycling waste electrical and electronic equipment. If you do not know where to drop off your waste equipment for recycling, please contact your local city office or household waste collection service.



Hg Cd Pb

The crossed out wheeled dust bin symbol indicates that batteries and /or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemicals symbols for lead(Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.



Pb

By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased this product.

YOUR WARRANTY

For more information and Customer support visit:

www.blaupunkt-australia.com.au

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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